

MAR 08 2004

Sheet 1 of 1

B/O Form PTO-1449	Att'y. Docket Number HAMA3002D/BEU	Serial Number 10/606,900
U.S. Department of Commerce Patent and Trademark Office		
Information Disclosure Statement by Applicant		
Applicant Yoshihiro HAMAKAWA et al		
Filing Date 6/27/03	Group 1753	

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
GNR	5,445,666	8/29/95	Peschka et al			
	4,188,177	2/12/80	Kilby et al			
	4,322,379	3/30/82	Kilby et al			
	RE31,473	12/27/83	Kilby et al			
	6,153,007	11/28/00	Nakata			
	6,676,726	1/13/04	Endo et al			
	2003/0029273	2/13/03	Endo et al			

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
GNR	JP-B 29-4380	7/17/54	JAPAN			X	
	JP-6184607	7/5/994	JAPAN			X	
	JP-6228612	8/16/94	JAPAN			X	
	JP-3162507	7/12/91	JAPAN			X	
	JP-1246307	10/2/89	JAPAN			X	
	JP-5415662	2/5/79	JAPAN			X	
	WO99/22048	5/6/99				X	
	JP-2000/192112	7/11/00	JAPAN			X	

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner	Date Considered
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449		Atty. Docket Number HAMA3002D/BEU	Serial Number 10/606,900
U.S. Department of Commerce Patent and Trademark Office		Applicant Yoshihiro HAMAKAWA ET AL	
Information Disclosure Statement by Applicant		Filing Date June 27, 2003	Group 1753

U.S. Patent Documents

Foreign Patent Documents

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

A graph showing three cycles of a periodic wave function. The wave starts at the origin (0,0), reaches a maximum value, crosses the x-axis, reaches a minimum value, and returns to the x-axis. The grid consists of 5 vertical lines and 6 horizontal lines, with the first vertical line being the y-axis.

Examiner

K. D. M.

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	Filing Date 6/27/03	Group 1753

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U.S. Patent Documents

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
GNR	JP9162434	6/20/1997	JAPAN			X	
	JP7297438	11/10/95	JAPAN			X	
	JP7202244	8/4/95	JAPAN			X	
↓	JP2001339086	12/7/01	JAPAN			X	

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

A graph showing a periodic wave function plotted against a grid. The wave starts at the origin (0,0), rises to a local maximum, then falls to a local minimum, and finally rises to a global maximum. The horizontal axis is divided into four equal segments by vertical grid lines, and the vertical axis has five horizontal grid lines. The wave completes one full cycle over the four segments of the horizontal axis.

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Date Considered

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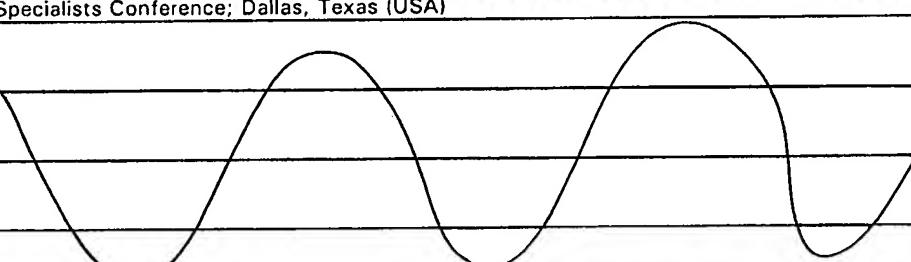
B/O Form PTO-1449	Atty. Docket Number HAMA3002/BEU	Serial Number 09/988,998
U.S. Department of Commerce Patent and Trademark Office	Applicant Yoshihiro HAMAKAWA et al	
	Information Disclosure Statement by Applicant	Filing Date Concurrently Herewith

U.S. Patent Documents

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
GNB	JP6013633	1/21/94	JAPAN			X	
	JP2002134766	5/10/02	JAPAN			X	
JK	JP2002050780	2/15/02	JAPAN			X	

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

GNR	<p>Russell R. Schmit et al; "RECENT PROCESS IN THE DESIGN AND FABRICATION OF SPHERAL SOLAR MODULES"; January 1993; pp. 1078-1081; Conference Record of the 23rd IEEE Photovoltaic Specialists Conference; Dallas, Texas (USA)</p> 
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6/7/07

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